

What is claimed is:

1. A test apparatus comprising:

a measurement signal generating section that generates a measurement signal for use in carrying out
5 a radio transmission characteristics test on a mobile terminal apparatus to transmit to the mobile terminal apparatus;

10 a measurement signal judging section that carries out radio characteristics evaluation based on the measurement signal which is transmitted in loopback from the mobile terminal apparatus and received in the test apparatus; and

15 a control section that carries out control for suspending transmission of a signal transmitted intermittently from the mobile terminal apparatus by RLC function in communicating the measurement signal with the mobile terminal apparatus.

20 2. The test apparatus according to claim 1, wherein the control section controls the RLC function of the mobile terminal apparatus by radio connection via a radio interface.

25 3. The test apparatus according to claim 1, wherein the control section controls the RLC function of the mobile terminal apparatus by wired connection via an external interface.

4. A mobile terminal apparatus which connects to the test apparatus according to claim 1, and suspends

transmission of the signal transmitted intermittently by RLC function in transmitting the measurement signal for use in carrying out the radio transmission characteristics test to the test apparatus.

5 5. A mobile terminal apparatus comprising:

a section that receives a signal transmitted from a test apparatus and transmits the signal in loopback; and

10 a control section that suspends transmission of a signal transmitted intermittently by RLC function in carrying out a radio transmission characteristics test.

6. The mobile terminal apparatus according to claim 5, wherein according to an instruction from an external apparatus, the control section suspends transmission of 15 the signal transmitted intermittently by RLC function.

7. The mobile terminal apparatus according to claim 5, further comprising:

an operation section that conveys an instruction due to operation of a user to the control section, 20 wherein according to an instruction from the operation section, the control section suspends transmission of the signal transmitted intermittently by RLC function.

8. A test method on a mobile terminal apparatus in a CDMA mobile communication system, comprising:

25 suspending transmission of a signal transmitted intermittently by RLC function of the mobile terminal apparatus; and

carrying out a radio transmission characteristic test.

9. A test method in a mobile terminal apparatus in a CDMA mobile communication system and a test apparatus
5 that is connected to the mobile terminal apparatus,
comprising:

transmitting and receiving a layer 3 signal to implement radio connection over CDMA radio interface;

10 suspending transmission of a signal transmitted intermittently by RLC function of the mobile terminal apparatus; and

transmitting and receiving a measurement signal to carry out a radio transmission characteristic test.

10. A test method in a mobile terminal apparatus in a CDMA mobile communication system and a test apparatus
15 that is connected to the mobile terminal apparatus,
comprising:

setting a CDMA radio interface;

20 setting conditions of layers 1 and 2 to transmit and receive a measurement signal;

setting a condition for carrying out loopback processing;

25 suspending transmission of a signal transmitted intermittently by RLC function of the mobile terminal apparatus;

carrying out in the test apparatus the radio transmission characteristic test on the mobile terminal

apparatus;
releasing the loopback processing; and
releasing the CDMA radio interface.